

U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 7-17-51 - 11:00 A.M.

Week Ending 7-16-51

WEATHER The week was considerably cooler than normal, but temperatures returned to normal or slightly above during the last two days. Rainfall ranged from excessive over most of the two southern tiers of counties to only moderate over the east-central portion of the State, and occurred during the first four days of the week, except for a few scattered showers Sunday night. The last three days of the week were bright and sunny. Humidity was generally high.

CROPS The crop outlook shows slight improvement under more favorable weather by the close of the last week. Rain delayed harvest and other farm work in the early part of the past week, but dry, windy, sunshiny weather since Thursday has been highly favorable. Farmers are extremely busy cultivating corn, harvesting alfalfa and ready to start the wheat harvest as soon as the grain and fields are dry enough.

A little wheat harvesting was started by the close of the past week. Most of the wheat is ripe in counties south of the Platte River and harvest will be in full swing as soon as the grain and fields are dry. If weather continues warm and dry much of the wheat in southern counties will be harvested by the close of the week. Preliminary estimates indicate that wheat yields will be low in much of the southeastern quarter of the State. Some of the wheat in the western half of the State is expected to yield well. Harvesting will be a little late in the western areas also. Some wheat fields are getting very weedy.

Corn is improving. Marked improvement is expected if the present dry, sunshiny weather continues. All except a small percent of the corn is now in a good state of cultivation. The crop averages ten days to two weeks behind normal for this date, but some of the corn in northeastern and western Nebraska is not much behind normal for this date. A few counties report some corn borer infestation. Stands of corn are poor on sloping ground. The acreage is below the intended because wet weather prevented planting. About 95% of the acres is planted with hybrid seed as compared with 94% last year or 7,020,000 acres out of the 7,390,000 acres of corn planted this year.

The 1951 Corn Acreage Guide called for 7,950,000 acres. Only 93% of the requested acreage was planted due partly to wet conditions that prevented planting. Regardless, the area planted is 8% above the acreage planted last year. Despite the 8% increase in planted acreage, the July 1 estimate was about 89% of last year's production based on condition of 74% of normal on that date. The July 1 estimate was based on the reports of farmers at that time and the final out-turn will depend on the weather between now and frost.

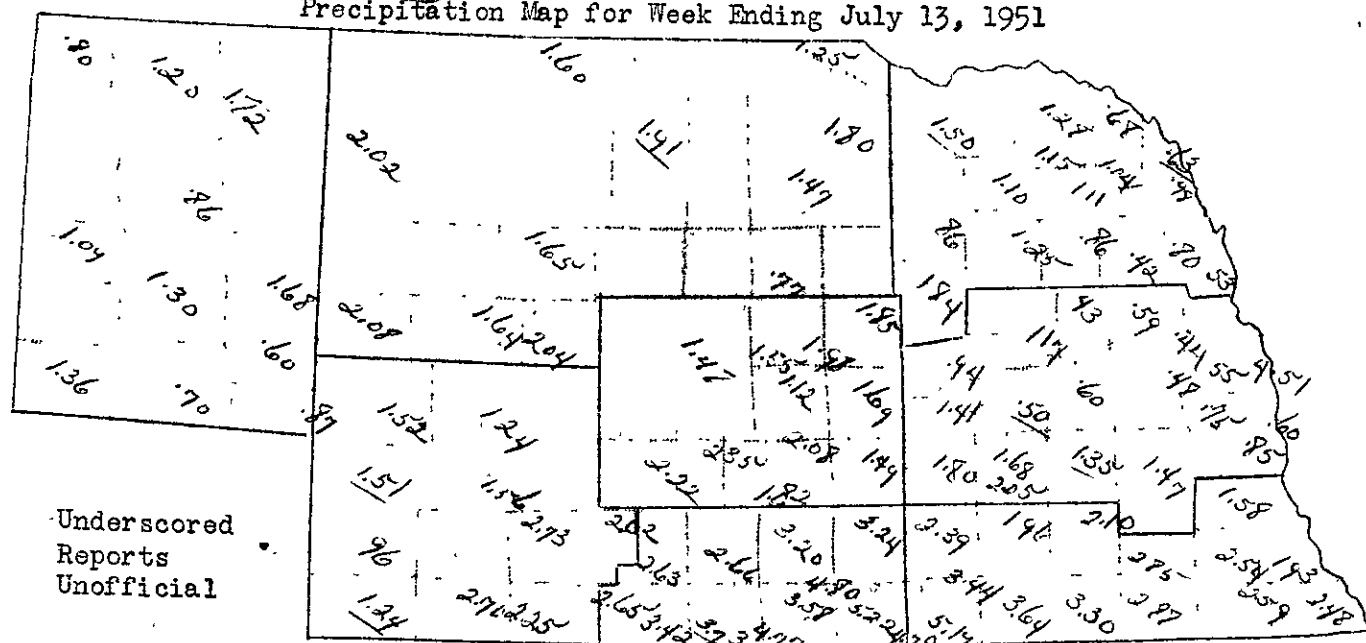
Oats planted on the fields in the higher state of fertility are very promising. The crop is spotted and oats on other fields are not so good. Some of the early oats are ripening. Barley shows no change in the outlook. Hail and rain storms have caused much damage to crops in the North Platte Valley.

Harvest of the second crop of alfalfa has started in southern counties. Good yields are expected. Much of the first crop was damaged badly by rain and delayed harvest. The wild hay harvest in the Sandhills is late this year because of the wet hay meadows and the late start that wild hay got last spring due to dry weather in the early spring. The condition of pasture is generally reported as the best ever throughout the State.

Feed grain is reported ample to surplus except in a few counties in northwestern Nebraska. Range and pasture is reported ample to surplus throughout the State. Rainfall and surface moisture is now reported ample to surplus throughout the State, except for one county in northwestern Nebraska and the same applies to subsoil moisture.

1500
7-17-51

Precipitation Map for Week Ending July 13, 1951



HIGHEST AND LOWEST TEMPERATURES (For 24 hours ending in a.m.)

		JULY		10th		11th		12th		13th		14th		15th		16th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	84	50	57	48	56	51	72	46	87	59	94	58	94	60		
	Scottsbluff	81	56	61	49	56	51	70	51	84	59	92	64	97	63		
	Sidney	88	53	57	47	55	50	65	46	--	55	90	67	96	61		
N-C	Burwell	79	54	61	51	59	52	60	47	77	58	84	67	86	63		
	Valentine	69	55	59	50	57	52	65	50	86	62	90	65	93	60		
NE	Norfolk	79	60	63	53	62	58	62	51	78	57	85	66	90	71		
	Sioux City	81	58	64	55	62	57	66	52	78	57	85	64	90	71		
CEN.	Grand Island	87	58	67	54	63	56	60	53	78	58	81	66	86	66		
	Lexington	84	56	65	52	61	53	60	48	--	54	81	--	81	59		
E-C	Lincoln	84	64	74	60	68	61	66	54	77	59	87	69	90	75		
	Omaha	83	63	75	60	67	61	67	58	77	56	84	67	90	75		
SW	Imperial	86	55	64	50	58	53	60	52	--	54	85	66	95	59		
	North Platte	82	55	61	50	60	53	62	48	78	55	83	65	87	61		

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JULY 16, 1951

Eastern Division		Eastern Div., Cont'd.		Central Division		Western Division	
Albion	1.84	Hastings	3.24	Broken Bow	1.16	Alliance	.86
Ashland	.76	Lincoln	1.57	Burwell	.77	Chadron	1.20
Auburn	1.93	Norfolk	1.25	Cambridge	2.53	Culbertson	2.70
Beatrice	2.85	Oakdale	.90	Holdrege	3.09	Imperial	.94
Columbus	1.17	Omaha	.45	Lexington	2.76	Kimball	1.36
Fairbury	3.30	Red Cloud	5.22	North Loup	1.98	Scottsbluff	1.09
Fairmont	1.96	St. Paul	1.70	North Platte	1.54	Sidney	.60
Falls City	2.46	Tekamah	.50	O'Neill	1.80		
Fremont	.44	Wakefield	1.04	Ravenna	2.08		
Grand Island	1.49	York	1.68	Valentine	1.57		
Hartington	1.28						
Average this week		1.76		1.93		1.25	
Total since April 1		19.76		14.82		10.07	
Normal since April 1		12.82		10.87		8.97	

(Issued by the Weather Bureau and the State and Federal Departments of Agriculture)